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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	<b>Application Number</b>	10/631,179	
	<b>Filing Date</b>	July 31, 2003	
	<b>First Named Inventor</b>	Joseph H. McCarthy, Jr.	
	<b>Group Art Unit</b>	2882	
	<b>Examiner Name</b>		
<b>Total Number of Pages in This Submission</b>	5	<b>Attorney Docket Number</b>	NCI 010 P2

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard
<b>Remarks</b> Papers include Submission of Power of Attorney and Certificate Under 37 CFR 3.73(b); Certificate Under 37 CFR 3.73(b) with copy of Assign.; Power of Attorney		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	MATTHEW R. JENKINS
Signature	
Date	11-11-03

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 11-17-03			
Typed or printed name	Celeste Kelsey	Date	11-17-03
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Inventor(s) : Joseph H. McCarthy, Jr.  
Serial No. : 10/631,179  
Filed : July 31, 2003  
Title: : METHOD AND SYSTEM  
FOR COOLING HEAT-  
GENERATING COMPONENT  
IN A CLOSED-LOOP  
SYSTEM  
Group : 2882  
Docket : NCI 010 P2

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Celeste Kelsey

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Celeste Kelsey

Signature of person mailing paper or fee

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

SUBMISSION OF POWER OF ATTORNEY AND  
CERTIFICATE UNDER 37 CFR 3.73(b)

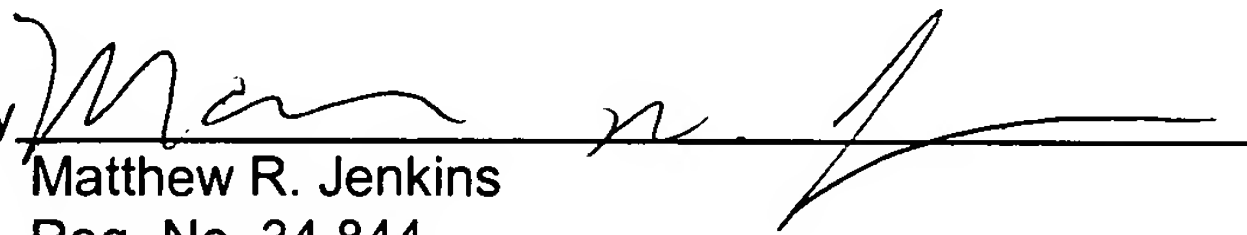
Attached for filing in the above-identified application are:

- 1) Power of Attorney from the Assignee; and
- 2) Certificate Under 37 CFR 3.73(b).

Both documents are executed by Joseph H. McCarthy, Jr. as President of Assignee.

Respectfully submitted,

JACOX, MECKSTROTH & JENKINS

By   
Matthew R. Jenkins  
Reg. No. 34,844

2310 Far Hills Building  
Dayton, OH 45419-1575  
937: 298-2811  
November 14, 2003



Docket No. NCI 010 P2

POWER OF ATTORNEY

Whereas Tark, Inc., a corporation of the State of Ohio, having a place of business at 657 Congress Park Drive, Dayton, Ohio 45459 is the owner by assignment of the entire right, title and interest in and to United States Patent Application entitled

METHOD AND SYSTEM FOR COOLING HEAT-GENERATING  
COMPONENT IN A CLOSED-LOOP SYSTEM (Docket NCI 010 P2)

and of the inventions described and claimed therein;

Tark, Inc. hereby appoints:

Matthew R. Jenkins  
Alan F. Meckstroth

Reg. No. 34,844  
Reg. No. 22,607

its attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Address all correspondence to: JACOX, MECKSTROTH & JENKINS,  
2310 Far Hills Building, Dayton, Ohio 45419-1575. Address all telephone calls to A.C.  
937: 298-2811.

TARK, INC.

By J. M. Carthy  
Its President

Date 11/11/03



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Inventor(s) : Joseph H. McCarthy, Jr.  
Serial No. : 10/631,179  
Filed : July 31, 2003  
Title : METHOD AND SYSTEM  
FOR COOLING HEAT-  
GENERATING COMPONENT  
IN A CLOSED-LOOP  
SYSTEM  
Group : 2882  
Docket : NCI 010 P2

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

CERTIFICATE UNDER 37 CFR 3.73(b)

Tark, Inc. a corporation of Ohio, certifies that it is the Assignee of the entire right, title and interest in the patent application identified above by virtue of an Assignment from the Applicant(s) for the patent application identified above, a copy of which is attached.

The undersigned has reviewed the Assignment of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the Assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the Assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under §1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 11/11/03

Name: Joseph H McCarthy, Jr.

Title: President

Signature: J H McCarthy

Certificate of Mailing

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Celeste Kelsey  
Typed or printed name of person mailing paper or fee

Celeste Kelsey  
Signature of person mailing paper or fee

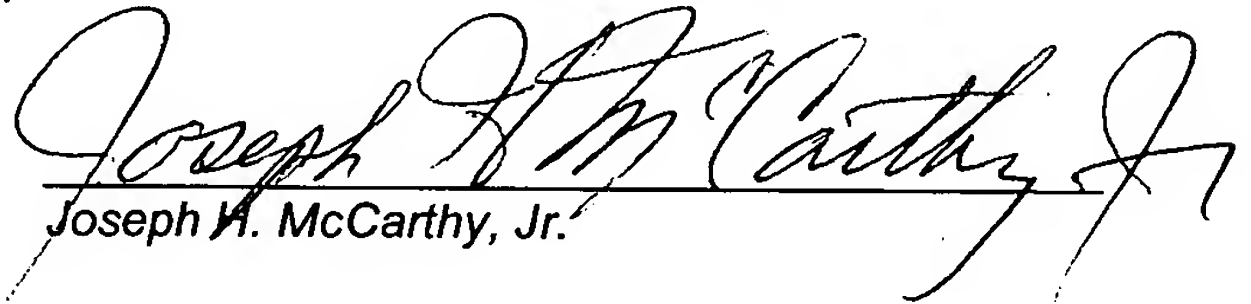
ASSIGNMENT

WHEREAS, I/we, Joseph H. McCarthy, Jr. of 657 Plantation Lane, Montgomery County, Dayton, OH, 45419, invented certain new and useful (Docket NCI 010 P2) METHOD AND SYSTEM FOR COOLING HEAT-GENERATING COMPONENT IN A CLOSED-LOOP SYSTEM for which I/we executed an application for letters patent of the United States, on even date herewith;

AND WHEREAS, Tark, Inc. a corporation of the State of Ohio, with a place of business at 657 Congress Park Drive, Dayton, OH 45459, hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any letters patent that may issue thereon;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other valuable consideration, receipt whereof is hereby acknowledged, I/we hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire right, title and interest in and to said application and any divisions or continuations thereof, and the inventions therein disclosed, and any improvements thereon, and any patent or patents that may be issued or reissued thereon, and I/we hereby authorize and request the Commissioner of Patents and Trademarks to issue any letters patent thereon, and reissues thereof, to said Assignee, its successors and assigns; and I/we hereby authorize said Assignee, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention, the European Patent Convention and the Patent Cooperation Treaty, claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and I/we hereby agree that, upon request, I/we will sign all papers, and make all rightful oaths, and do all acts which said Assignee, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

IN TESTIMONY WHEREOF, I/we hereunto set my/our hand and seal this 30<sup>th</sup> day of July, 2003.

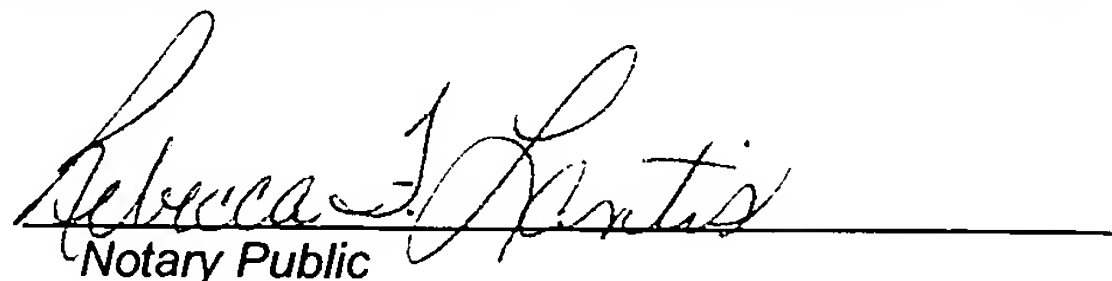
  
Joseph H. McCarthy, Jr.

State of Ohio

)  
) ss  
)

County of Montgomery

On this 30<sup>th</sup> day of July, 2003, before me a Notary Public in and for the above County and State, personally appeared the above named Joseph H. McCarthy, Jr. personally known to me, and acknowledged the execution of the foregoing assignment as a free act and deed for the purpose herein set forth.

  
Notary Public